OPERATIONAL BENEFITS

Side setting provides large operational benefits, especially for vessels with an aft wheelhouse and main work deck forward of the wheelhouse.

* **Increases Safety and Efficiency**:
Side setting allows the captain to better supervise fishing operations from the bridge.
* **Saves Space**:
Side setting allows for gear to be stored in a much smaller area, freeing up valuable deck space, even on vessels with a forward wheelhouse. Instead of having two separate work areas, at the stern for line setting and at mid-ship for line hauling, side setting requires only a single work area where all gear can be stored.
* **Practical for Crew**:
Side setting eliminates the need to move gear. Vessels conventionally setting from the stern move totes, buoys, and radio beacons between the mid-ship hauling position and the stern setting position and also must move large quantities of bait.
* **Facilitates Emergency Maneuvering**:
Emergency maneuvering when a main line jams during setting is more effective when line setting from mid-ship on the starboard side.

GEAR TANGLING IN THE PROP

Most captains are concerned that side setting will cause gear to get fouled in the propeller. Researchers have set from various port and starboard positions in various sea conditions and taken abrupt turning maneuvers in an attempt to foul the gear while side setting, and found that side setting did not result in gear tangling, even when the captain tried his best to foul the gear. This has been confirmed by several vessels in the Hawai'i fleet who are now side setting.

PORT SIDE SETTING

Side setting from the port side is more convenient than from the starboard side if you haul from the starboard side, which is the case for most of the Hawai'i fleet:

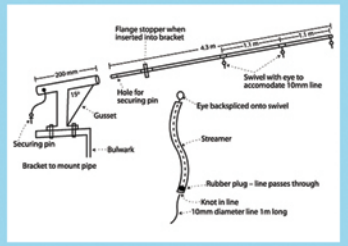
* A fixed position main line shooter will not interfere with line hauling at the conventional starboard position when port side setting.
* It is a more natural throwing motion for right-handed crew to set from the port side.
* Main line shooters have motors on their left side, making it more convenient to clip branch lines to the main line when port side setting.

Port Side Setting

STARBOARD SIDE SETTING

A vessel's layout may make it impossible to set from the port side, or it may be possible to set further forward from the starboard side. When setting from the starboard side, use a main line shooter motor and mounting plate that accommodates right side mounting.

Starboard Side Setting



Bird curtain pole, streamers, and mounting bracket used when side setting. Three streamers of 20 mm diameter garden hose are attached to three swivels. The hose hangs 20 cm above the sea surface with 10 mm diameter line protruding about 1 m from the end of the hose to drag along the sea surface.

Side Setting